

CZERNY, Boleslaw, mgr inz., KRUSZEWSKI, Tadeusz, mgr inz.

Kazimierz Myslakowski's forty years of professional activities.
Goap wodna 24, no.12:468-469 D '64.

PTA
CZERNY, E.

8

1505

693.008 : 331.67

Czermy, E., Wozniak T. The Problem of Team Work and Work Organization in Bricklaying.

„Zagadnienie zespołowości i organizacji pracy w robotach murarskich”. Przegląd Budowlany. No. 10, 1951, pp. 448-456, 21 figs., 2 tabs.

Scientific investigation of bricklaying practice in capitalist countries and in the USSR. Work organization in bricklaying in the USSR — work in separate groups and by continuous-flow method. Modernizing bricklaying methods in Poland. Equipment essential for this

work. Tasks of the touring group from the Ministry of Town and Settlement Building. Analysis of increased work efficiency. Material consumption. Scaffolding, transport, brick skips, cranes. Role and importance of small scale mechanization of work processes.

CZERNY, G.

3

JB 5235. Vessey, E., and Czerny, G., Underground flow study by
isotopes (in Hungarian), *Hidrológiai Közlemény* 37, 1, 44-46, Jan.-
Mar. 1957. A

RML

CZERNY, Gyozo; MEDGYESI, Ivan; TOTH, Sandor

Plastic housings for protecting the superstructure of
nitrogen fertilizer plants against corrosion. Magy ep ipar
12 no.5:228-234 '63.

VESSEY, Ede; CZERNY, Gyozo

Investigation of ground water movements by means of radioactive isotopes and tracing ions. Hidrológiai közlöny 37 no.1:44-56 '57.

1. Foldméro és Talajvizsgálo Iroda Vegyeszeti és Izotop Laboratóriuma. Igazgató: Biczok, Imre.

CZERNY, Karol, mgr.; CHWIALKOWSKI, Henryk, mgr.

Observations made on Danish pharmacy. Farmacja Pol 16 no.20:
425-428 0 '61.

POLAND

GAJRYK, Karol, Colonel, MIA infiltration not given.

"The Military Section of the International Pharmaceutical Federation."

Warsaw, Pracownia Polska, Vol 10, No 1-3, 20 Jan 63, pp 26-28

Abstract: Summary report on the proceedings within the Military Section of the International Pharmaceutical Federation at its Vienna meetings on 23-27 Sep 61. No references.

1/1

CZERNY, Karol, plk mgr

Military Section of the International Pharmaceutical Organization,
Farmacja Pol 19 no.1/2, 26-28 25 Ja '63.

*

CZERNY, Krystyna; STASZYK, Jozef

Cytological and cytochemical experiments on the principal tubules of a vicariously hypertrophied kidney. Ann. Univ. Lublin sect. D 19:197-203 ' 64.

1. Katedra i Zaklad Histologii i Embriologii, Wydzial Lekarski AM w Lublinie (Kierownik: prof. dr. Stanislaw Grzycki).

CZERNY, Krystyna

Studies regarding sex chromatin in the neutrophilic leukocytes
in the blood of women during the menstrual cycle. Ann.Univ.Lublin;
sec. D. 14:29-36 '59.

1. Z Katedry Histologii i Embriologii Wydziału Lekarskiego
Akademii Medycznej w Lublinie Kierownik: prof. dr Stanisław
Grzycki.

(CHROMOSOMES)
(LEUKOCYTES)
(MENSTRUATION)

CZERNY, Krystyna

Sex differences in the structure of the nuclei of neutrophil granulocytes of peripheral blood in canis domesticus. Ann. univ. Lublin sec.D 15 25:33-38 '60.

1. Z katedry i Zakładu Histologii i Embriologii Wydziału Lekarskiego Akademii Medycznej w Lublinie Kierownik: prof. dr med. Stanisław Grzycki.

(LEUKOCYTES) (SEX DETERMINATION)
(CELL NUCLEUS)

CZERNY, Krystyna

Nuclear appendages of neutrophil granulocytes occurring in human pus. Ann. univ. Luglin sec.D 15:59-62 '60.

1. Z Katedry i Zakładu Histologii i Embriologii Wydziału Lekarskiego Akademii Medycznej w Lublinie Kierownik: prof. dr med. Stanisław Grzycki.

(LEUKOCYTES)

(CELL NUCLEUS) (EXUDATES AND TRANSUDATES)

CZERNY, Krystyna

Lysosomes in acute hydronephrosis. Ann. Univ. Lublin
sect. D 19:299-302 ' 64.

1. Katedra i Zakład Histologii i Embriologii, Wydział
lekarski AM w Lublinie (Kierownik: prof. dr. med. Stanisław
Grzycki).

CZERNY, Tadeusz; EJSMOND, Bronislaw

Technological progress in the Opole Enterprise for Industrial
Construction. Przegl techn no.37:8 16 S '62.

CZERNY, Wladyslaw, prof. mgr inz. arch.

"City planning of seaports" by Piotr Zaremba. Reviewed by Wladyslaw Czerny. Tech gosp morska 13 no.4:113-114 Ap '63.

CZERNY, ZOFIA

Czerny, Zofia. Żywienie rodziny; wiadomości ogólne, przepisy potraw.
(W Warszawie) czytelnik, 1948. 277 p. (Feeding a family; a cookbook. Illus.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954,
Uncl.

CZERNY, ZOFIA

Warzywa zrodlem zdrowia. Warszawa, Panstwowy Zaklad Wydawn. Lekarskich, 1956.
137 p. (Zdrowie dla wszystkich) (Vegetables as a source of health)
DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CZERNY-HOLYNSKA, Barbara

Application of a molten zinc electrode for the spectrographic determination of small amounts of cadmium in zinc. Chem anal 5 no.3:383-388 '60. (EEAI 10:8)

1. Katedra Metalurgii Metali Nieselaznych Akademii Gorniczo-Hutniczej, Krakow.
(Zinc) (Electrodes) (Spectrum analysis) (Cadmium)

CZERNYAPSI, H.

HUNG

Effects of ingestion of alcohol in chronic lead poisoning. I. In the rat: T. Valyi-Nagy, L. Kocsar, B. Kelenfalvi, and H. Czernyapsi. II. In inhalation lead poisoning in the guinea pig: T. Valyi-Nagy, B. Kelenfalvi, and L. Kocsar. III. (In press). L. Kocsar, L. Kelenfalvi, L. Kelenfalvi, and T. Valyi-Nagy. *Acta Physiol. Acad. Sci. Hung.*, 1954, 8, 531-537, 537-543, 543-547. Determinations of growth, organ wt., their water and lead content in rats receiving Pb (NO₃)₂, Pb (NO₃)₂ and alcohol, alcohol only. The dose of Pb was increased from 500 µg to 2000 µg/100 g body wt. in 4 weeks. Determinations from the 1st week on. Alcohol 1 ml of a 20% vol./per day/rat. Growth decreased from the onset in the alcohol group, but anorexia and stoppage of growth began only on the 5th week in the Pb groups. Alcohol alone causes dehydration, Pb hyperhydration of the organs. Pb counteracts the dehydrating effects of alcohol. Heart, brain, adrenals, testicles, and musculature take up most lead. Alcohol increases Pb uptake without affecting its relative distribution, which is unaffected by the dose of the Pb.

II. 700 µg/day/guinea pig were given in a spray, contamination of fur avoided, and 2 ml 20% alcohol by stomach tube. Alcohol increases Pb content of organs by 100 in 150%. Cerebral cortex, hypothalamus, adrenals, testicles, and kidney take up the greatest amounts of Pb. The thalamus region is the first to take up Pb. Wt. loss begins first in the Pb plus alcohol group followed in 4 weeks by the Pb group. Thereafter the wt. losses run parallel. Water retention took place in both groups. Alcohol inhibited hyperhydration due to Pb in brain, adrenals, and testicles. Eosinophilic stippling of r.b.c. was greater in the alcohol plus Pb group (4.4 p.p.m.) than in the Pb group (2.4 p.p.m.). There were fewer pseudo-eosinophils in the Pb group.

CZEROCHOWSKI, A.

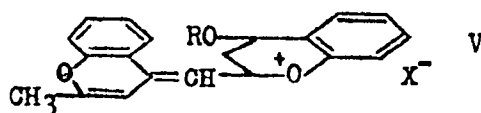
CZEROCHOWSKI, A. Different kind and degree of deformation of photographic materials and its influence on some photogrammetric processes. P. 461. Vol. 12, no. 12, Dec. 1956. PRZEGLAD FOTOFIZYJNY. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

Country : POLAND
 Category : Organic Chemistry. Synthetic Organic Chemistry
 Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15388
 Author : Szuchnik, A.; Swiderski, J.; Czerska, W.
 Institut. : -
 Title : 2-Methyl-4-Alkoxychromono-Cyanin Dyes

Orig. Pub. : Roczn. chem., 1958, 32, No 2, 255-264

Abstract : Convenient modifications of methods of synthesis of 2-HOC₆H₄COCH₃ (I) and 2-methylchromone (II) were developed. Under the action of (CH₃)₂SO₄ (III) or (C₂H₅)₂SO₄ (IV) on II, dyes of the cyanin type (V) are formed immediately.



Card: 1/7

G - 39

Country	:	
Category	:	G
Abs. Jour	:	Ref Zhur - Khim., No 5, 1959, No. 15388
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract cont'd.	:	filtering by suction, the filtrate is extracted with ether, the extract is combined with the precipitate, the solvent is distilled off until 70° is attained in vapors; then the residue is heated for 0.5 hour at about 100° with 140 ml. of iced CH ₃ COOH, 10 ml. of (CH ₃ -CO) ₂ O and 10 ml. of concentrated HCl; after about 12 hours, the mixture is purified with carbon, 500 ml. of water are added, it is neutralized with NaHCO ₃ , extracted with ether,
Card:		4/7

Country	:		G
Category	:		
Ann. Jour	:	Ref Zhur - Khim., No 5, 1959,	No. 15368
Author	:		
Institute	:		
Field	:		
Order Ref.	:		
Abstract	:	of $\text{Na}_2\text{S}_2\text{O}_3$ are added; following several hours,	
cont'd.	:	V is separated out, with $\text{R}=\text{CH}_3$, $\text{X}=\text{I}$, m.p. 151-155° (decomposition; from CH_3OH). If 50 ml. of saturated solution of NaClO_4 are used in place of KI, then after several hours V is obtained, with $\text{R}=\text{CH}_3$, $\text{X}=\text{ClO}_4$ (Va), m.p. 245-247° (decomposition; from alcohol). 0.05 mole of II and 0.05 mole of IV are heated for 8-10 hours at 75°, 25 g. of KI in 25 ml. of water and a few crystals of $\text{Na}_2\text{S}_2\text{O}_3$ are added, and	
Card:	:	6/7	

MALAWSKI, Marek J.: CZERSKA, Wanda

Prototropic systems. I. Electronic influence of substituents on the keto-enol equilibrium. *Rocz chemii* 34 no.2:491-496 '60. (EEAI 10:1)

1. Katedra Chemii Organicznej Uniwersytetu, Warszawa
(Carbonyl group) (Enols)

[POLAND

J. CZERSKI, Wanda BARANSKA and W. KONOPAKA, Institute of Histology and Embryology, Medical Academy [original version not given,] Warsaw.

"Methods of Karyogram Determination in Man and Experimental Animals."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; pp 316-317.

Abstract [English article]: Condensed version of paper presented at the January 1962 symposium on human genetics in Warsaw. General description of methods with chicken fibroblasts, bone marrow and skin and blood cell cultures of man; human testes; in animals, following intravital administration of colchicine derivative. Authors found aceto-carmin best stain for photomicrography. Two photomicrographs.

[1/1

CZERSKI, Kazimierz

Effect of tobacco smoke on the course of experimental tuberculosis.
Polski tygod. lek. 14 no.52:2279-2282 28 D '59.

1. Z Zakladu Patologii Ogolnej A.M. w Lodzi; kierownik: prof.dr n.
med. F. Venulet i z Zakladu Histologii i Embriologii A.M. w Lodzi;
kierownik: prof. dr med. S. Baginski.
(TUBERCULOSIS PULMONARY exper.)
(SMOKING)

CZERNSKI, Kazimierz.

Significance of trace elements in the organism. Polskie arch.med.
wewnetrz. 29 no.12: 1685-1690 '59.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej A.M. w Lodzi. Kierownik:
prof. dr. med. F. Vemulet.

(TRACE ELEMENTS metab.)

1ST AND 2ND CODES										3RD AND 4TH CODES									
PROCESSES AND PROPERTIES INDEX																			
<div style="position: relative;"> M 4 <div style="position: absolute; top: 350px; left: 200px;"> <p>The Role of Diffusion in the Process of Oxidation of Copper and Iron. I. Cserpki. (<i>Rozniti Chem.</i>, 1937, 17, 436-442; French summary, 442-443; <i>C. Ab.</i>, 1938, 22, 1560).—The oxidation of copper consists of the following processes: (1) oxidation of copper to Cu_2O; (2) oxidation of Cu_2O to CuO; (3) decomposition of CuO into Cu_2O and O_2 on the boundary between the layers of CuO, due to the decrease of O_2 pressure, caused by non-transparency of CuO for O_2; (4) diffusion of copper from the metallic phase through Cu_2O towards CuO; and (5) oxidation of the displaced copper which takes place close to, or on the boundary of, the CuO layer.—8. G.</p> </div> </div>																			
ASAC-ILA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNOPTIC										FROM SYNOPTIC									
SYNOPTIC										SYNOPTIC									
SYNOPTIC										SYNOPTIC									

CZERNSKI, L.		PROCESSING AND PROPERTIES INDEX	
BC	<p>Kinetics of oxidation of methane. I. Intermediate products. W. STABONKA and L. CZERNSKI (Rocz. Chem., 1939, 19, 259—276).—2:2:1 and 1:1:1 $\text{CH}_4\text{-O}_2$ mixtures were heated at 460—483°. The yield of CH_2O is max. (0.5—0.8 ml. per 100 ml. of gas mixture) after 0.5—1 min., varying little thereafter. That of MeOH is max. (0.7—1.4 ml.) after 0.8—1.8 min., thereafter falling more or less abruptly. The highest yields of MeOH are obtained by low-temp. oxidation of CH_4-rich mixtures. CH_2O is not initially produced by oxidation of MeOH. The results support the view that oxidation of CH_4 in absence of contact substances is a chain reaction, preponderatingly homogeneous, although stoichiometrically heterogeneous.</p>		A-1
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>REGIONAL INDEX</p>		<p>REGIONAL INDEX</p>	
<p>1939-1940</p>		<p>1941-1942</p>	

BC

2-1

Kinetics of oxidation of methane. II. Terminal products. W. STANONKA and L. CERRAKI (Rozpr. Chem., 1939, 19, 333-346; cf. A., 1939, 1, 326).— Oxidation of CH_4 involves the reactions $\text{CH}_4 \rightarrow \text{CH}_3\text{O} \rightarrow \text{CO} \rightarrow \text{CO}_2$; MeOH is formed in small amounts, probably from CO or CH_3O . R. T.

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

[illegible]

Oxidation of copper at high temperatures and low pressures. Lucian... Casati. *Ricerca Sci. 22, 85-92 (1948); cf. C.A. 32, 1830.*—The oxidation of Cu at 950° and 81 mm. O pressure occurs both at the surface of the Cu₂O layer (87%) and at the surface of the Cu (13%). Thus the mechanism of oxidation involves migration of Cu ions through the oxide layer as well as the diffusion of O through the oxide layer. The Cu₂O layer contained an excess of 0.08% Cu, and the quickly cooled sample showed variation in d. across the Cu₂O layer. The av. d. of the 1.55-mm. Cu₂O layer was $\rho.101 \pm 0.006$ g./cc., whereas the d. of portions of the layer (measured from the external surface) was as follows: 0.20 mm. 0.141, 0.25 mm. 0.089, 0.40 mm. 0.110, and 0.60 mm. 0.102. The results are discussed.

H. H. Samant

COPPER, L.

Oxidation of copper with air at high temperatures.
Lucjan Czernik, *Kazinski Chem.* 23, 19-24(1940); cf.
C.A. 43, 2851a.— Cu_2O obtained from Cu and O at 950°
contains 0.07-0.26% Cu (23 analyses) in excess of the
stoichiometric amt. In Cu_2O prepd. under reduced pres-
sure of O the excess Cu drops to 0.035%. The excess Cu
is irregularly dispersed throughout the oxide; it does not
diffuse toward the CuO layer, and does not oxidize even
at 980° (40 hrs.). It is suggested that the excess Cu is a
result of a reaction at the $\text{CuO}/\text{Cu}_2\text{O}$ surface. Cu_2O is
oxidized by O diffusing through the CuO layer, and then
it is reduced by Cu atoms.
H. H. Szmant

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

CZERSKI, LUCJAN

Poland

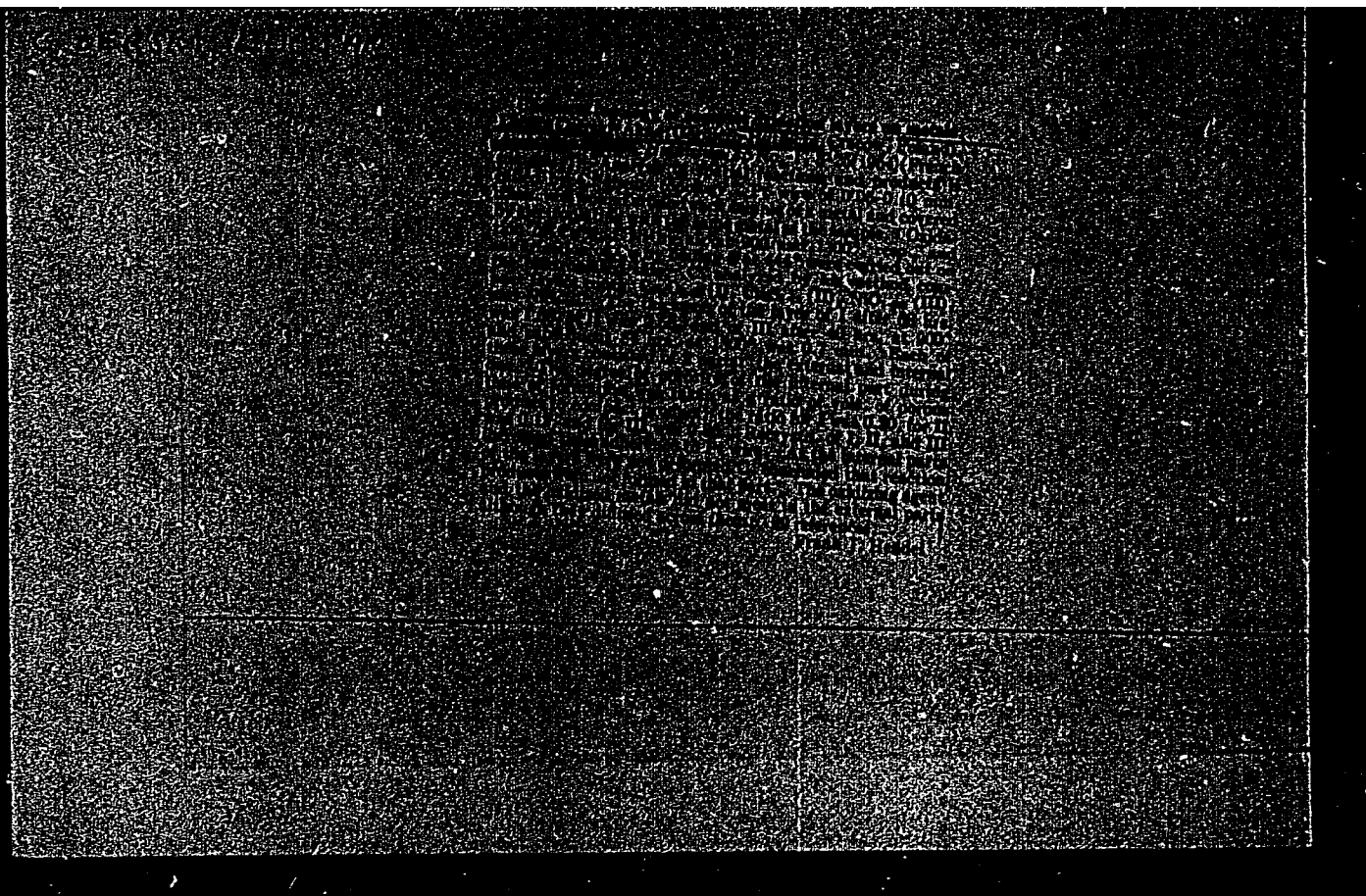
CA: 47:11871

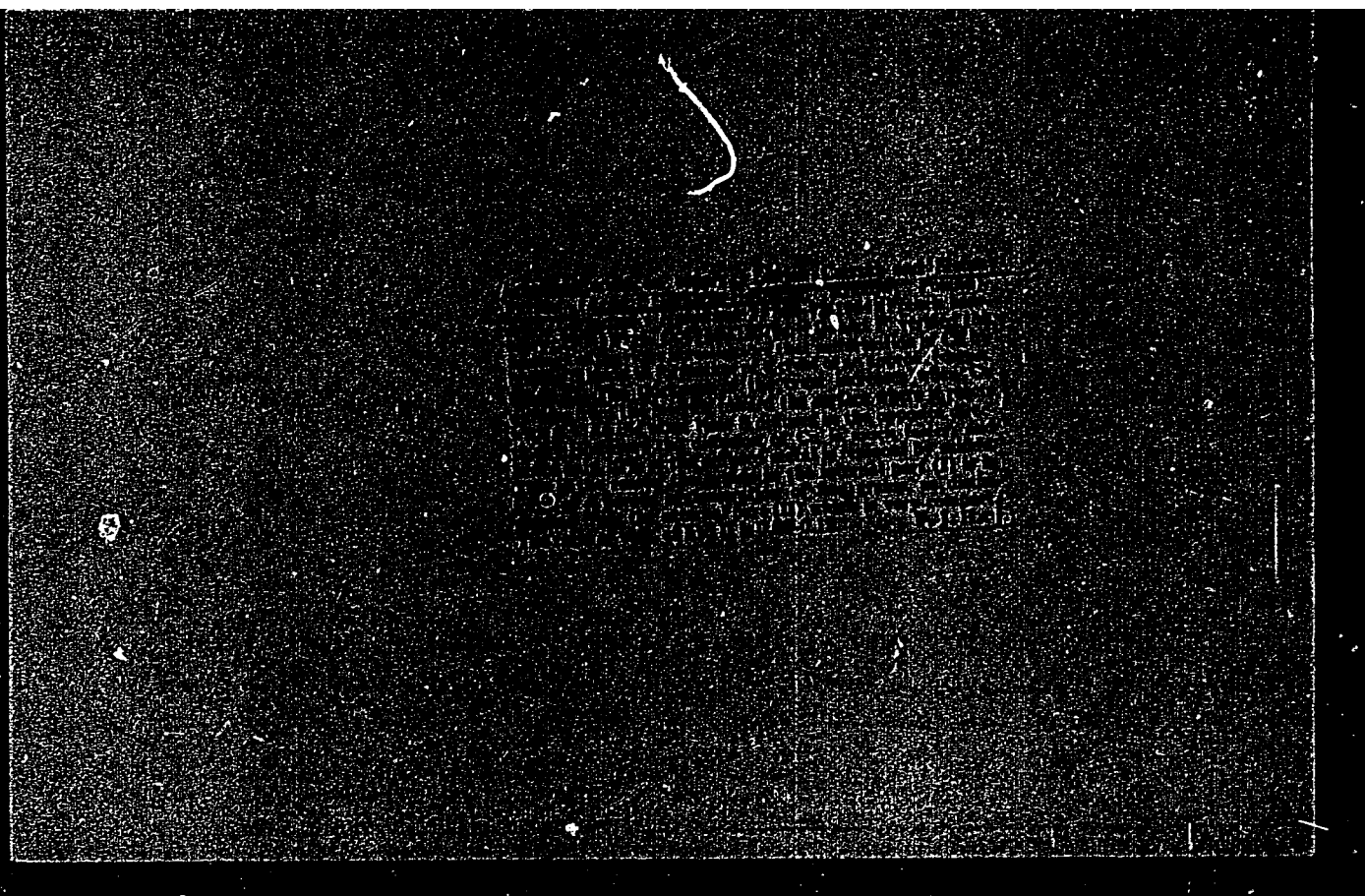
with EMIL ZIELINSKI

Zaklad Chem. Gorniczej, Inst. Gornictwa, Cracow, Poland.

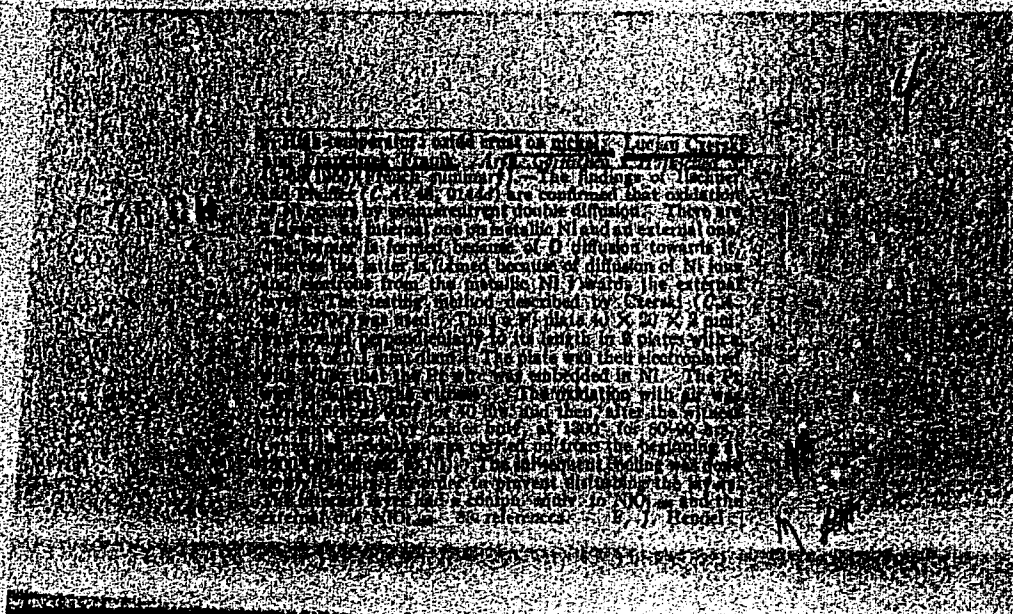
"The constitution of precipitated cadmium sulfides."

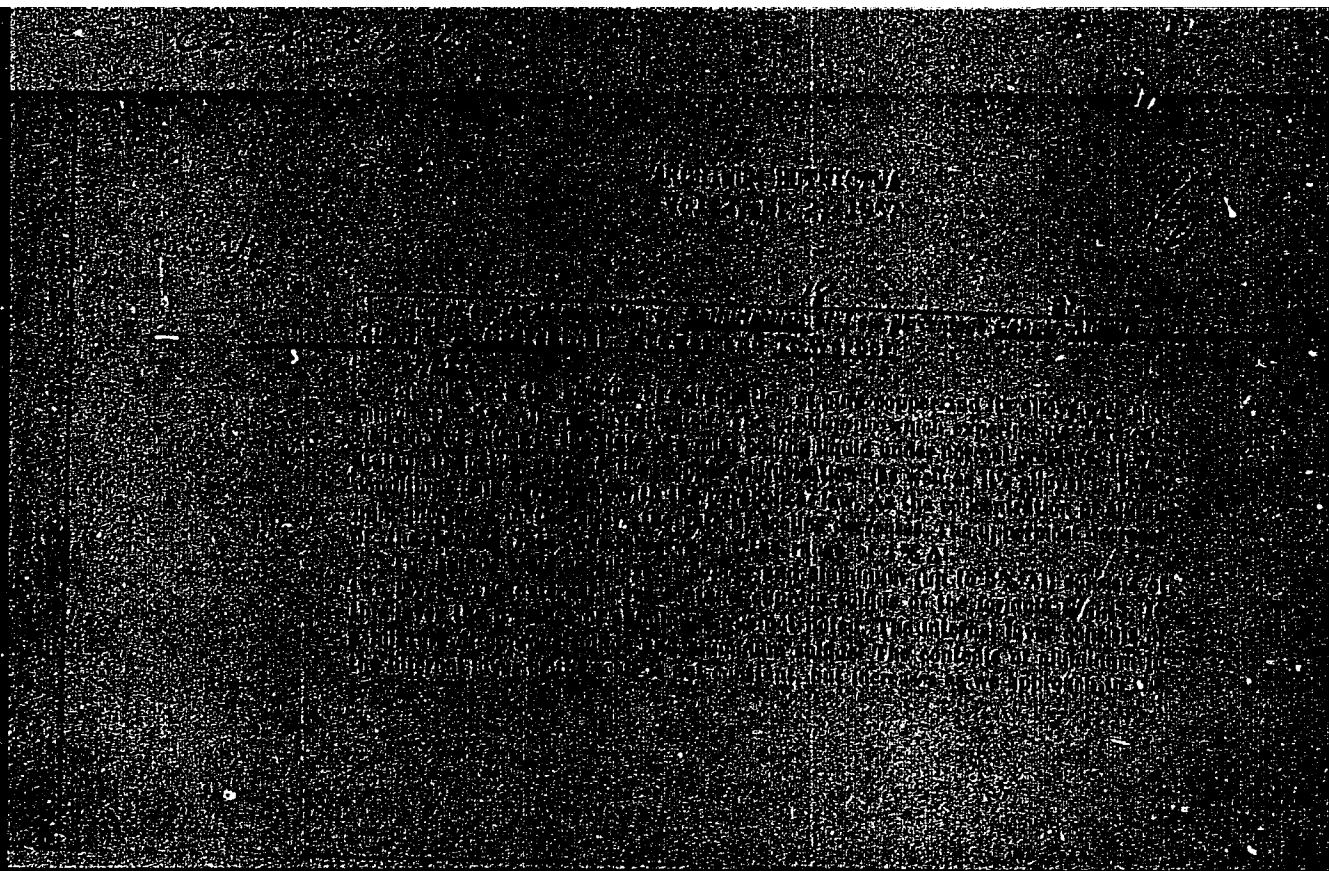
Roczniki Chem. 26, 134-42 (1952) (French summary).

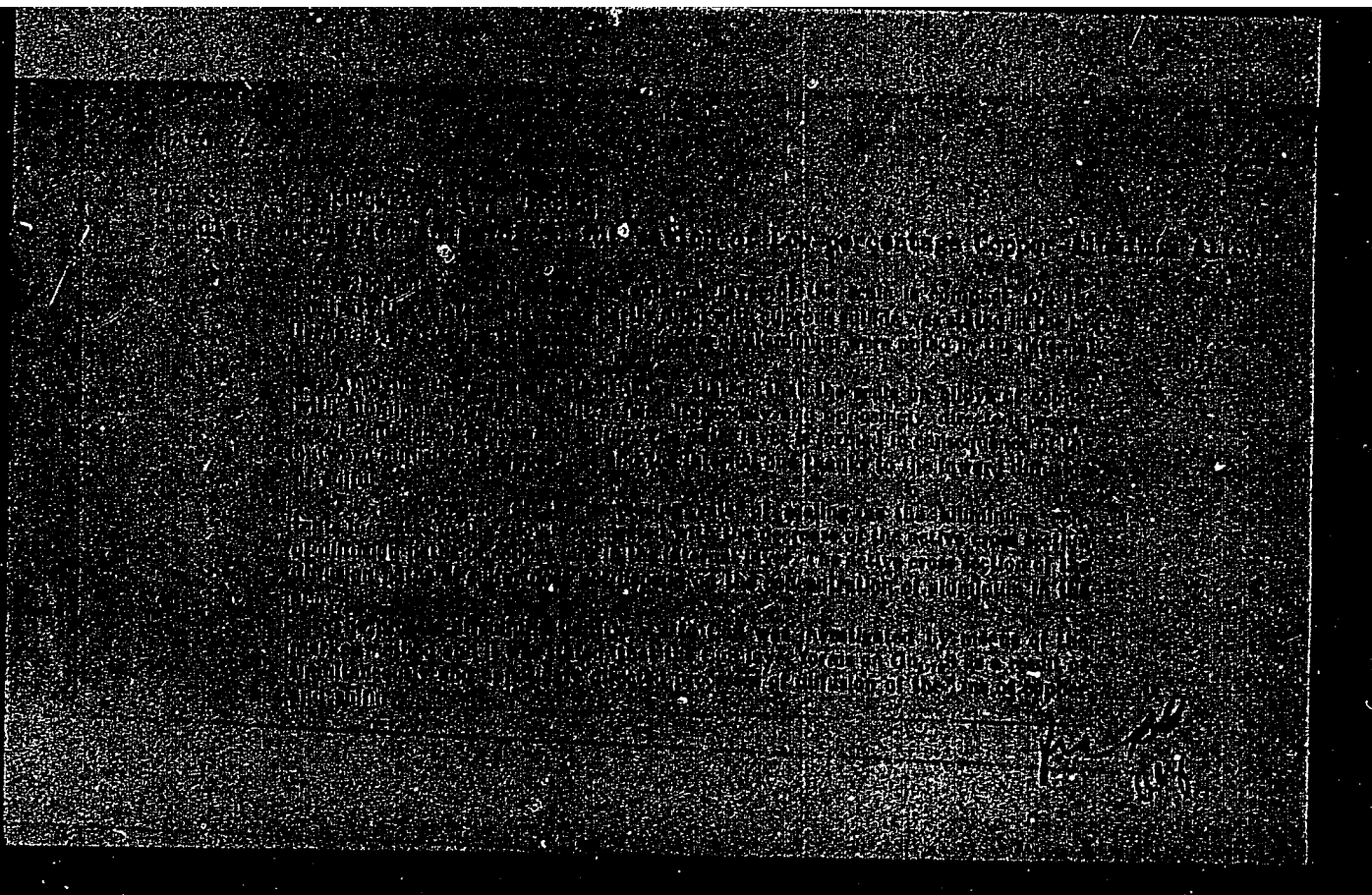




QZERSKI, LUCIAN







CZERST, L.

3622
Czerstki L., Mirowski S., Weisner T. The Mechanism of Sulphurization of Copper-Zinc Alloys. 36.04.521:600.35.9

"Badania mechanizmu siarkowania stopów miedzi z cynkiem".
Archiwum Historii i Techniki (PAN), No. 4, Kraków, 1957, pp. 391-410,
8 figs., 5 tabs.

In this work, the kinetics of sulphurization of Cu-Zn alloys of zinc amounting to from 1 to 20% were investigated in a liquid boiling sulphur. It was observed that with the increasing concentration of zinc in the alloy, the rate of sulphurization decreases. The rate of sulphurization of alloys with zinc up to 5% and 20% occurs according to the parabolic law. But in the case of sulphurization alloys from 7 to 15% Zn there appear deviations from the parabolic law causing a decrease in the rate of sulphurization. The sulphide scale on the alloys investigated has a double layer structure. The external layer of the scale consists of cuprous sulphide of the formula Cu_2S . The internal layer is a mixture of cuprous and zinc sulphides. The composition of the internal layer is not constant. The content of copper in this layer decreases in the direction of the phase boundary scale/metallic core. The ratio of thickness (the external layer to the internal) changes with alterations in the concentration of zinc in the alloy. Up to 7% Zn, the external layer is the thicker; in the range 7 to 15% Zn both layers are almost the same, and with greater zinc concentration, the internal layer becomes thicker than the external one. For a 20% alloy, a thin layer of CuS was observed on the phase boundary scale/sulphur. By means of the marking method, it was demonstrated that in the whole range of zinc concentration in the alloy, the external scale layer forms as a result of an outward diffusion of copper ions, and the internal layer as a consequence of an inward diffusion of sulphur. In the range

The Mechanism of Sulphurisation of Copper Zinc Alloys

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of zinc concentration in the alloy up to 1%, the rate of reaction is determined by the outward diffusion of copper. The diffusion of sulphur in these conditions plays no greater role in the general problem of scale formation. In the range of zinc concentrations from 1 to 18%, both processes of diffusion — copper and sulphur — determine the rate of scaling. Above 18% Zn in the alloy, the relative share of sulphur diffusion in the process of scale forming is greater than the share of copper diffusion. The rate of the outward diffusion of copper is conditioned by the section of active diffusion paths of copper in the internal layer. The inward diffusion rate of sulphur is conditioned by the section of active diffusion paths of sulphur in both the external and the internal layer.

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2/2

JL

12

Czeeski, L.

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Czeeski L., Krowiec S., Werber T. A Comparison of Marking Methods in Investigations over the Mechanics of the Oxidation of Metals and Alloys.

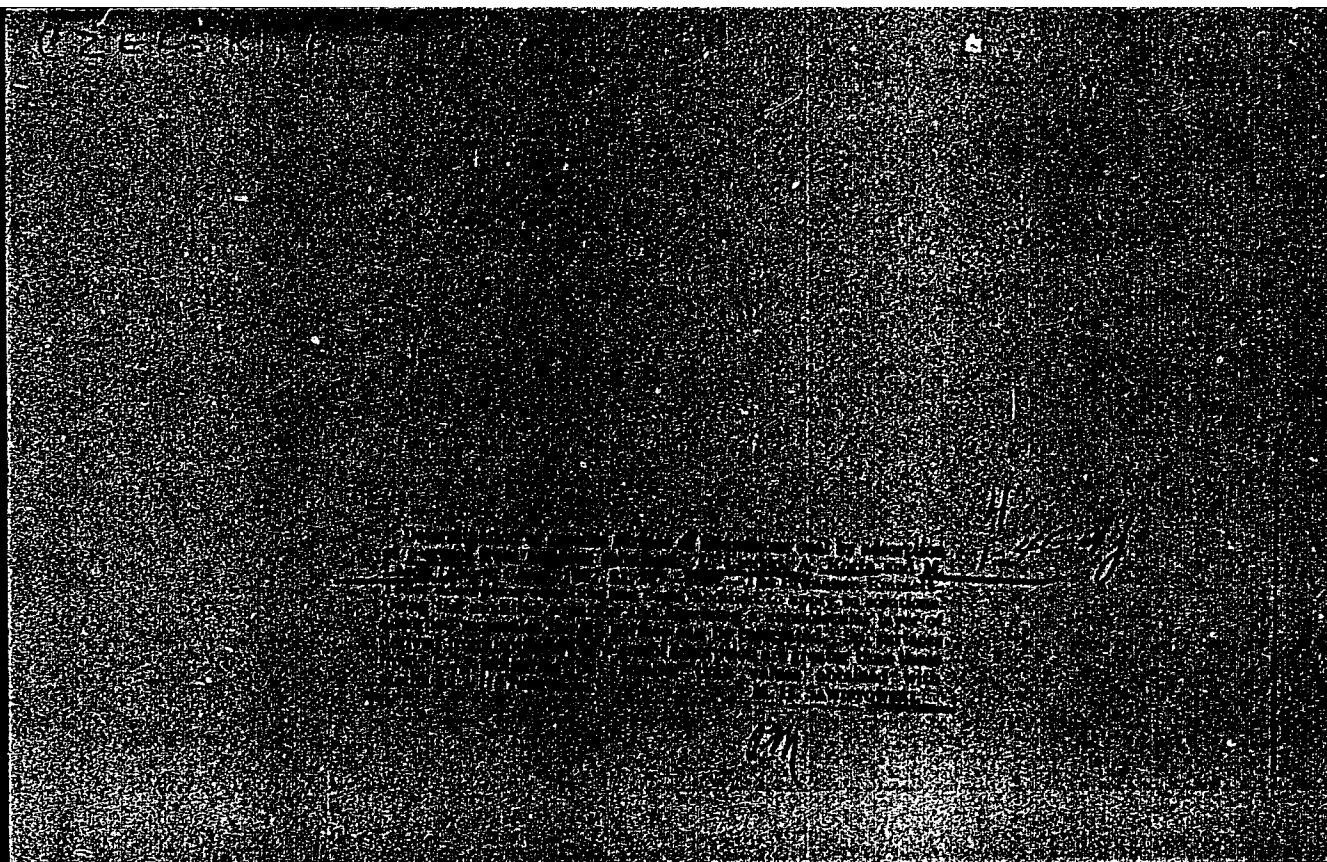
„Opisowanie metod „zwiadkowania” w badaniach mechanizmu utleniania metali i stopów”. Archiwum Ilustrowania (PAN). No. 1, Warszawa, 1958, pp. 37-48, 8 figs.

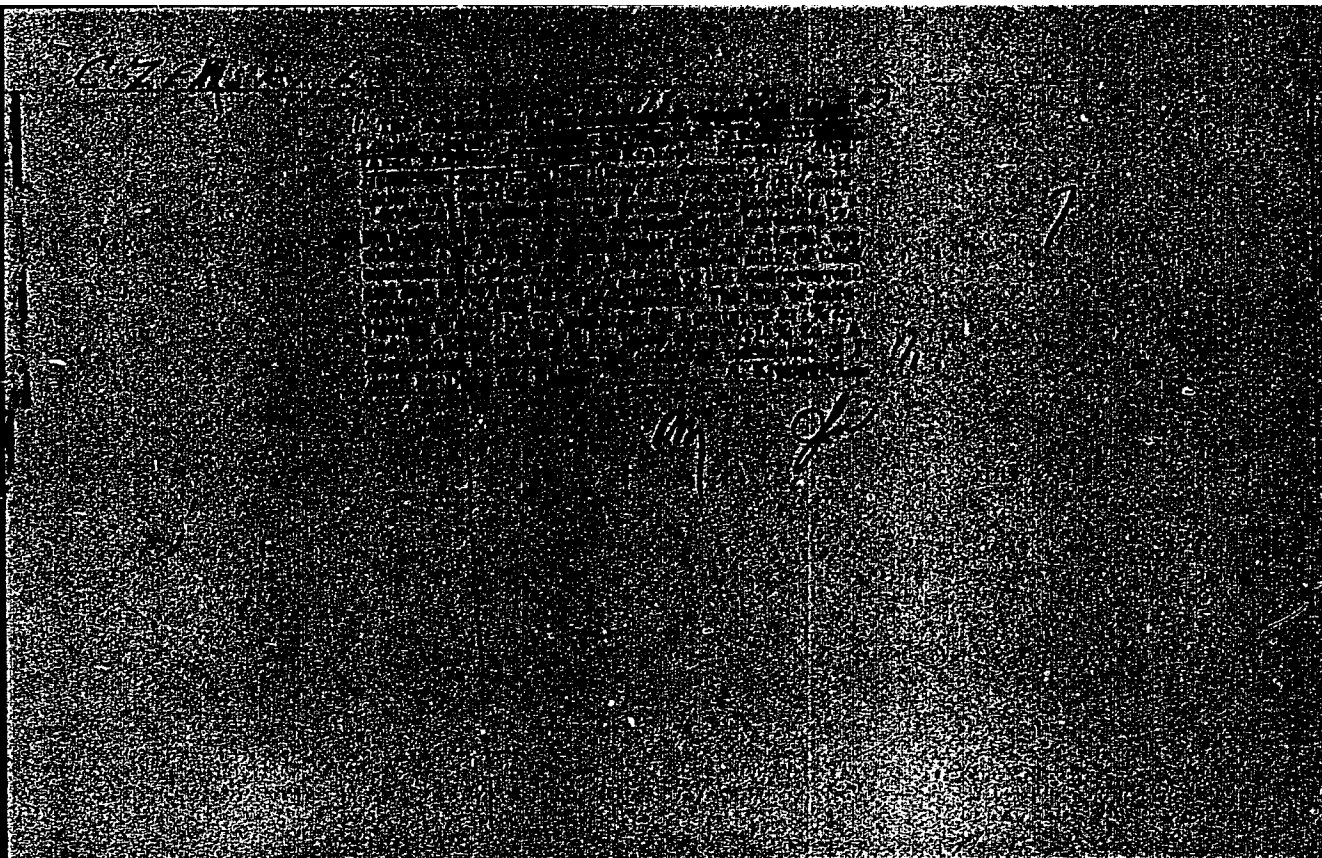
Marking methods were segregated according to the kind of marker and the manner of its localization in the scale. There exist three fundamental marking methods: 1) layer, 2) microscopical, and 3) autoradiographical. In the first method, the sub-microscopical layer of the substance used as a marker is found in the scale by means of a chemical or spectral analysis. In the microscopical method, the position of the marking wire is obtained by microscopical observations of the scale on polished specimens (perpendicularly to the wire length). In the autoradiographical method, the position of the sub-microscopical layer of the radio-active substance used as a marker is determined in the autoradiographical way. Investigations carried out with marking the same preparations by microscopical and layer method showed that the results do not depend on the nature of the method applied. It was also found that the autoradiographical method gives the same degree of exactness as the layer or microscopical method. It was also confirmed, that the noncontinual micro-layer of platinum, applied as a marker, does not cause disturbances in the scaling process. In the opinion of the authors, the microscopical method is the most convenient in view of its exactness and simplicity. The use of this method makes

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HE2C

ACCELERATION

The acceleration is defined as the difference in the velocities of the body with the velocity of the center of gravity. The velocity of the center of gravity is defined as the velocity of the body. The acceleration is defined as the difference in the velocities of the body with the velocity of the center of gravity. The acceleration is defined as the difference in the velocities of the body with the velocity of the center of gravity.





CZERSKI, LUCJAN

POLAND/Physical Chemistry - Surface Phenomena. Adsorption.
Chromatography. Ion Exchange.

B-13

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24367

Author : Czerski Lucjan, Korta Andrzej, Lason Mieczyslaw

Inst : -

Title : Determination of Specific Surface of Coal by the Method
of Adsorption of p-Cresol from Aqueous Solutions.

Orig Pub : Roczn. chem., 1957, 31, No 1, 277-286

Abstract : An attempt was undertaken of calculating the specific
surface s of coal (C) on the basis of isotherm of adsorp-
tion of p-cresol from aqueous solutions. The thus obtai-
ned values of s are higher than those determined in accor-
dance with the isotherm of adsorption of CO_2 at -78° ,
and lower than those calculated on the basis of the heat
of wetting of C by methanol.

Card 1/1

CZERSKI

Country	: Poland	B
Category	:	
Abs. Jour	:	45302
Author	: <u>Czerski, L.</u> , Korta, A., and Lason, M.	
Institut.	: Not given	
Title	: Determination of the Average Grain Size of Brown Coals from Data Obtained for the Adsorption of p-Cresol from Aqueous Solutions	
Orig Pub.	: Arch Gorn, 3, No 3, 299-342 [sic] (1958)	
Abstract	: The authors have recorded the adsorption isochrons [simultaneous?] of p-cresol from aqueous solutions of various concentrations on coal samples from three different types of coal. For each type of coal three fractions (0.09-0.12, 0.06-0.075, and <0.06 mm) were selected. A comparison of the isochrons for each pair of fractions of a given type of coal indicates that the ratio of the ordinates corresponding to the same concentration is constant and equal to the	
:		

Card: 1/2

~~Lucian~~, CZERSKI, L.

Distr: 4E2c

29 27
 ✓ Sulfidization in boiling sulfur of silver-copper alloys.
 Lucian Czerni, Stanislaw Mrowca, Krystyna Wallisch,
 and Tadeusz Wierber (Akad. Górniczo-Hutnicza, Kraków,
 Poland). Arch. Hutnicwa 3, 149-50 (1968) (English sum-
 mary).—Ag-Cu alloys of different compos. were etched
 with dil. HNO₃ and sulfidized in boiling S (C.A. 52, 2714g).
 The wt. increase per unit area, or its square, increased
 linearly with time, for alloys contg. Cu 1-50 or 75-99%.
 Within 50-75% of Cu, a gradual transition from the
 linear to the parabolic law was observed. Marking expts.
 with Pt wire touching the sample surface, diam. 0.07 mm.,
 microscopic observations, and chem. analysis showed that
 the homogeneous scale is a Ag₂S-Cu₂S solid soln. of greater
 Ag content nearer the scale/S boundary. It is formed in
 outward metal diffusion. In Cu-rich alloys, the rate of
 sulfidization was roughly the same as in pure Cu, in agree-
 ment with Wagner-Hauffe theory (Hauffe, Oxidation von
 Metallen u. Metalllegierungen, 1956 (C.A. 51, 4921a)). A
 lack of analogy between oxidation and sulfidization is
 stressed. J. Steck

✓ Mechanism of sulfidation of copper containing 5% gold.
 Lucjan Czerski, Stanislaw Alrower, and Teodor Werber
 (And. Gornik, Hunkza, Krakow, Poland). Arch. Hut-
 nicwa 3, 305-13 (1958) (English summary); cf. C.A. 52,
 12722b. — Cu-5Au was treated with boiling S. The sulfida-
 tion rate fitted the equation $m^2 = kt$, where m is mass incre-
 ment per sq. cm., and t is time, and it is concluded that this
 is a diffusion-controlled process. The const. k was $2.0 \times$
 10^{-6} as compared with 10×10^{-6} (in c.g.s. units) for pure
 Cu. The sulfide scale consisted of 2 layers formed, owing
 to inward S and outward Cu diffusions. The results are
 compared with Wagner's theory (C.A. 50, 10620g).
 J. Stecki

Distr: 4E20

COUNTRY	: Poland	B-9
CATEGORY	: Physical Chemistry--Kinetics, Combustion, Explosions, Topochemistry, Catalysis.	
ABS. JOUR.	: RZKhim., No. 16 1959. No.	56442
AUTHOR	: <u>Czerski, L.</u> , Mrowec, S., Wallischowa, K., and*	
INST.	: Not given	
TITLE	: Investigation of the Mechanism of the Tarnishing of Silver in Liquid Sulfur	
ORIG. PUB.	: Arch Hutn, 3, No 1, 49-56 (1959)	
ABSTRACT	: The authors have applied the gravimetric method to the investigation of the kinetics of the tarnishing of silver (99.95% Ag) in liquid sulfur at 220-444°. The quantity of Ag which reacts is a linear function of the time, indicating that the rate of tarnishing is determined by the reac- tion at the liquid-solid interface. The energy of activation for the reaction is 15,500 kcal/mol at 220-300° and 5,250 kcal/mol at 300-444°. The composition of the reaction product varies slightly	
CARD:	1/3	* Weber, T.

COUNTRY : Poland B-9
CATEGORY : Physical Chemistry--Kinetics, Combustion, Explosions,
Topochemistry, & Catalysis.
ABS. JOUR. : RZKhim., No. 16 1959, No. 56442
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : of the silver through the sulfide layer into the
liquid sulfur.
V. Frolov

CARD: 3/3

38

COUNTRY : Poland B-9
 CATEGORY : Physical Chemistry--Kinetics, Combustion, Explosions,
 Topochemistry, Catalysis.
 ABST. JOUR. : RZKhim., No. 16 1959, No. 56441
 AUTHOR : Czerski, L., Mrowec, S., and Werber, T.
 INST. : Not given
 TITLE : Mechanism of the Tarnishing of a Cu-Au Alloy
 Containing 5% Au in Liquid Sulfur
 ORIG. PUB. : Arch Hutn, 3, No 4, 305-313 (1958)
 ABSTRACT : The authors have investigated the tarnishing of
 a Cu-Au alloy containing 5% by weight of Au in
 liquid boiling sulfur and have shown that the
 rate of tarnishing follows the parabolic law.
 The rate constant was found to be $k = 2.9 \cdot 10^{-5}$
 $\text{gm}^2 \text{cm}^{-2} \text{sec}^{-1}$. For the tarnishing of pure Cu,
 the authors obtained $k = 10 \cdot 10^{-5} \text{gm}^2 \text{cm}^{-2} \text{sec}^{-1}$.
 X-ray studies have shown that the exterior
 layer of the sulfide scale is homogeneous and
 that the inner layer consists of two phases and

CARD: 1/2

COUNTRY : Poland
CATEGORY :

B-9

ABS. JOUR. : RZhKhiz., No. 16 1957, 50.

56441

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : contains metallic Au. It has been found that the structure of the sulfide phase (containing dissolved Au) is the same in both layers and does not differ from the structure of Cu_2S formed during the tarnishing of pure Cu. The data obtained are interpreted on the basis of Wagner's theory on the oxidation of metals (RZhKhiz, No 17, 1957, 57106).

Authors' summary

CARD: 2/2

COUNTRY : HUNGARY B
CATEGORY : Physical Chemistry. Crystals
ABS. JOUR. : RZKhim., No. 1 1960, No.204
AUTHOR : Czernski, L.
INST. : Hungarian AS
TITLE : Crystallochemical Problems of the Forging of Metals
ORIG. PUB. : Acta chim. Acad. scient. hung., 1959, 18, No 1-4, 297-302
ABSTRACT : No abstract

CARD: 1/1

B-14

P/038/60/005/001/002/002
A076/A126

AUTHORS: Czerski, Lucjan, Mrowec, Stanisław and Werber, Teodor
TITLE: The problem of isothermy in investigations of the kinetics of metal oxidation
PERIODICAL: Archiwum Hutnictwa, v. 5, no. 1, 1960, 105 - 115

TEXT: The determination of the character of the kinetic law according to which the reaction of metal oxidation occurs in its first stage at high temperatures causes very much experimental difficulties. The main difficulty consists in the fact, that in several cases it is not possible to obtain isothermic or isobaric conditions of the reaction course for the reason of the great rate of the process at its first stages. The kinetic data obtained at such conditions for the reason of the impossibility of determining such parameters as temperature and pressure or concentration, lead to wrong conclusions with regard to the kinetic law. The authors are engaged in a detailed investigation of the problem of isothermic measurements of kinetics of the first stages of sulfurization reaction of copper and silver in liquid sulfur. Measurements of the kinetics of copper sulfurization were carried out on preparations having room temperature at

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The problem of isothermy in investigations ...

P/038/60/005/001/002/002
A076/A126

the beginning of the reaction and on those heated up to the temperature of the reaction medium. It was stated that the course of the first stage of the reaction depends upon the preliminary temperature of the preparation. In the case of cold plates a certain lapse of time is necessary to heat them to the reaction temperature; in the other cases there occurs an over-heating of the preparation as a result of the exothermic reaction. The phenomenon of over-heating of the preparations is closely connected with the ratio of the heat capacity to the surface of the preparation. Based on measurements of the increasing mass of the sulfurized preparations of copper and silver heated up to the reaction temperature, and based on the thermodynamical data, the quantity of the evolving heat per unit of surface after the first 5 seconds was calculated. To confirm the results of these calculations, suitable measurements of the temperatures for the silver and copper preparations were carried out. These measurements showed that for the silver preparation the temperature rises in two seconds from 444°C to 490°C and for copper to 550°C respectively. In reference to this D. Wajszel's investigations concerning the kinetics of the first stage of sulfurization of silver in boiling sulfur carried out on heated preparations do not relate to isothermic conditions and therefore do not satisfy conditions required for such measurements. There are 2 figures, and 19 references: 8 Soviet-bloc and 11 non-Soviet-bloc. The reference

Card 2/3

The problem of isothermy in investigations...

P/038/60/005/001/002/002
A076/A126

to the most recent English-language publication reads: Lichter B., Wagner C., J. electrochem. Soc. 107, 1960, 168.

ASSOCIATION: Katedra Chemii Górniczej, Akademia Górniczo-Hutnicza, Kraków (Department of Mining Chemistry, Academy of Mining and Metallurgy), Kraków.

SUBMITTED: June 16, 1959.

Card 3/3

CZERSKI, Lucjan; KORTA, Andrzej; LASON, Mieczyslaw

Capillary structure of coal in the light of research on the adsorption of p-cresol from aqueous solutions. Archiw gorn 5 no.2:207-226 '60.

1. Katedra Chemii Gorniczej, Akademia Gorniczo-Hutnicza, Krakow i Zaklad Mechaniki Gorotworu, Polska Akademia Nauk Krakow.

CZERSKI, Lucjan; CZUCHAJOWSKI, Leszek

Comparison of methods of determination of the sum of carboxy and hydroxy groups in regenerated humic acids. Chem anal 5 no.1:109-118 '60. (EEAI 9:11)

1. Katedra Chemii Gorniczej Akademii Gorniczo-Hutniczej, Krakow
(Humic acids) (Carboxy group) (Hydroxy compounds)

CZERSKI, Lucjan; MROWEC, Stanislaw; WERBER, Teodor

Kinetics of the sulfurization of copper in liquid sulfur. Rocz chemii
34 no.2:573-586 '60. (EEAI 10:1)

1. Katedra Chemii Gorniczej Akademii Gorniczo-Hutniczej, Krakow
(Copper) (Sulfur) (Sulfuration)

CZERSKI, Lucjan; CZAPLINSKI, Andrzej

Influence of chlorides dissolved in water on the condition for forming ethane hydrate. Archiw gorn 7 no.2:213-224 '62.

CZERSKI, Lucjan; CZUCHAJOWSKI, Leszek

Chelated hydroxy-quinonoid structures in coal according to the investigations of infrared spectra of quinone-formaldehyde resins. Archiw gorn 7 no.3:243-251 '62.

1. Department of General and Coal Chemistry, Academy of Mining and Metallurgy, Krakow.

CZERSKI, Lucjan, prof. zwyczaj, dr.; CZUCHAJOWSKI, Leszek, dr. inz.,
adjunkt

Trends in world-wide research on the physical chemistry of
coal. Wiad chem 16 no.7:413-431 J1 '62.

1. Katedra Chemii Gorniczej, Akademia Gorniczo-Hutnicza, Krakow
Kierownik: prof. Lucjan Czerski.

CZERSKI, Lucjan; LASON, Mieczysław; ZYLA, Mieczysław

Sorption of carbon tetrachloride vapors on primary hard coals
subject to action of a KOH alcohol solution. Archiw gorn 8
no. 1:69-78 '63.

CZERSKI, Lucjan; CZAPLINSKI, Andrzej.

Solubility of ethane in water and NaCl and CaCl₂ solutions at 0.0°C and pressure above 1 at. Rocz chemii 36 no.12:1827-1834 '63.

1. Department of Mining Chemistry and Department of General Chemistry, School of Mining and Metallurgy, Krakow.

5(2)

PHASE I BOOK EXPLOITATION

POL/2478

Czerski, Lucjan

Chemia dla technikow (Chemistry for Technologists and Engineers) Warszawa, Państwowe Wydawnictwo Naukowe, 1958. 430 p. 5,200 copies printed. No additional contributors mentioned.

PURPOSE: This manual is intended for engineers and technicians who require a knowledge of general chemistry.

COVERAGE: This manual is a general review of chemistry for the nonchemist. The author introduces enough theory to explain basic natural phenomena, industrial processes, and everyday problems. The theoretical part presents modern chemical concepts of atomic structure, properties of elements, classification and reactions of elements, and chemical processes. The text includes descriptions of chemical experiments to illustrate theoretical principles and to acquaint the reader with laboratory work. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 1/26

CZYBESKI, P.

Studies on cytology of the parathyroid gland. *Pol. morph., Warsz.*
3 no. 4a:407-414 1952. (CML 24:2)

1. Of the Institute of Histology and Embryology (Head -- Prof. Juliusz
Zweibaum, M.D.) of Warsaw Medical Academy.

CZERSKI, P.

Histophysiology of parathyroids in mammals. Polski tygod. lek. 7 no.
9-10:258-263 3 Mar 1952. (CML 22:4)

1. Of the Institute of Histology and Embryology (Head--Prof. J.
Zweibaum, M. D.) of Warsaw Medical Academy.

CZERSKI, Przemyslaw

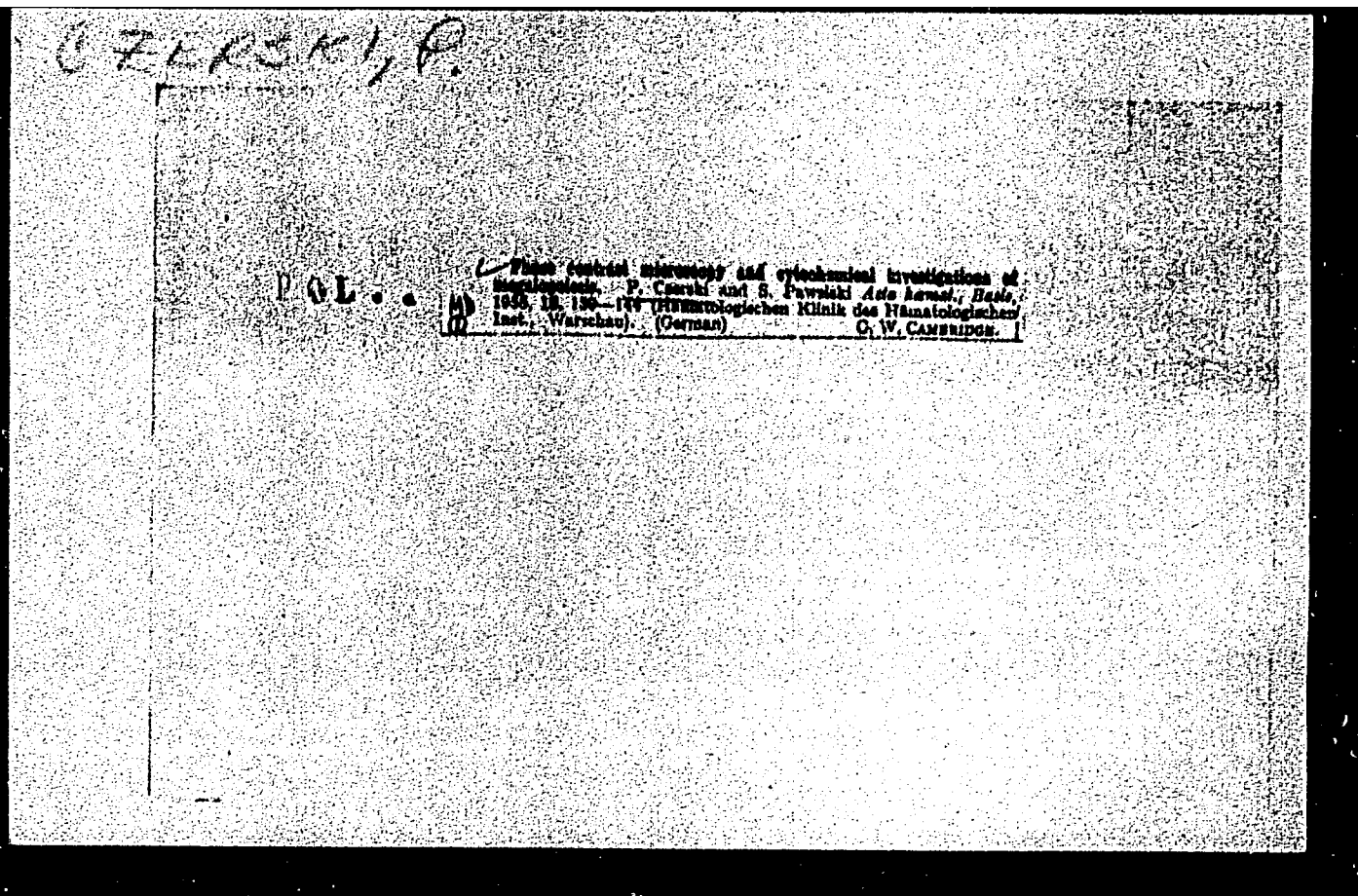
Technic of histochemical studies in hematology. Polskie arch. med.
wewn. 24 no.1:99-108 1954.

1. Z Kliniki Hematologicznej, (Kierownik: doc. dr W.Lawkowicz)
Instytut Hematologii w Warszawie (Dyrektor: doc. dr A.Hausman)
(BLOOD,
histochem., determ. technics)

CZERSKI, Przymyslaw (Warszawa, Chocimska 5 Instytut Hematologii);
~~PAWELSKI, Sławomir~~

Phase-contrast and histochemical studies on megaloblastic
erythropoiesis. Pol. morph., Warsz. 5 no.3:221-227 1954.

1. Z Klin. Oddz. Hematologicznego, kierownik: doc. dr med. W.Lawkowicz.
Instytut hematologii, dyrektor: doc. dr med. A.Hausman.
(ERYTHROCYTES,
megaloblasts, phase-contrast & histochem. studies)



CZERSKI, P.

POLAND/Morphology of Man and Animals. Blood and Hematopoietic
Organs.

S-4

Abs Jour: Referat Zn.-Biol., No 1, 10 January 1958, 2892

Author : Czernski P., Lawkowicz W., Porembinska H.

Inst :

Title : Observations on the Aging Process of Leucocytes.

Orig Pub: Folia Morfol., 1955, 6, No 3, 203-208.

Abstract: Five periods of aging and death of neutrophils and eosinophils were distinguished. During certain periods histochemical studies of polysaccharides, lipoids and nucleoproteins in leucocytes were made. Their vitality was determined by supravital staining with neutral red and Janus green. It was established that progressive nuclear pycnosis, appearance of cytoplasmic vacuoles and a decreased cell volume were indicators of aging in leucocytes. During maturation large lymphocytes were trans-

Card : 1/2

-1-

CZERSKI, P.

"Zmiany Biologiczne pod Wplywem Promieniowania Jonizujacego," by L. H. Gray;
translated by P. Czerski from English to Polish. Nukleonika, Vol. I, No. 1, Warsaw,
PWN, June 1956.

POLAND / Human and Animal Morphology (Normal and
Pathological). Nervous System. Peripheral
Nervous System.

3

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16971

Author : Lawkowicz, Wlodzimierz; Porembinska, Hanna;
Czerski, P.

Inst : Not given

Title : Blood Platelets (Thrombocytes). I. Normal
Condition in the Light of Intravital
Investigations and Investigations by Means
of Cytochemical Methods

Orig Pub : Folia morphol., 1956, 7, No 2, 101-107

Abstract : Blood platelets (BP) of 50 healthy humans
in the 18-30-year age group were studied
by means of dark field and cytochemical
methods. It was discovered that normally

Card 1/2

LAWKOWICZ, Włodzimierz; CZERSKI, Przemysław; POREMBINSKA, Hanna

STUDIES ON THE THROMBOCYTOPOIETIC SYSTEM
Studies on the thrombocytopoietic system. II. Cytochemical studies on platelets and megakaryocytes in thrombocytopenic conditions. Polskie arch. med. wewn. 26 no.1:21-31 1956.

1. Z Kliniki Hematologicznej. Kierownik: prof. dr. med. W. Lawkowicz Instytutu Hematologii w Warszawie Dyrektor: Doc. dr. med. A. Trojanowski Warszawa, ul. Chocimska 5.

(BLOOD PLATELETS

thrombopenia, blood platelets & megakaryocytes in, cytochem. studies. (Pol))

LAWKOWICZ, W.; CZERSKI, P.; GUZOWSKA, T.; WIENER, W.

Attempted production of hemolytic anemia in guinea pigs by injection of blood plasma from leukemic patients; preliminary communication. Polskie arch.med. wewn. 26 no.11:1697-1699 1956.

1. Z Kliniki Hematologicznej Kierownik: prof. dr. med.
W. Lawkowicz Instytutu Hematologii w Warszawie Dyrektor:
doc. dr. med. A. Trojanowski, Warszawa, ul. Chocimska 5.
(ANEMIA, HEMOLYTIC, experimental,
induction with leukemic serum inject. (Pol))
(LEUKEMIA, blood in,
induction of hemolytic anemia in guinea pigs with
leukemic serum (Pol))

CZERSKI, Przemysław

Morphological data on hemolysis and its dynamics according to investigations with phase-contrast microscopy. Polskie arch. med. wewn. 26 no.11:1701-1704 1956.

1. Z Kliniki Hematologicznej Kierownik: prof. dr. med.
W. Lawkowicz, Instytutu Hematologii w Warszawie Dyrektor:
doc. dr. med. A. Trojanowski, Warszawa, ul. Chocimska 5.
(HEMOLYSIS,
phase-contrast microscopy (Pol))

SENDYS, Natalia; CZERSKI, Przemyslaw

Case of megaloblastic anemia in an adolescent. Polski
tygod. lek. 11 no.22:986-989 28 May 56.

1. Z Oddzialu Chorob Wewn. kier. doc. dr. med. Edward Kowalski
i z pracowni hematologicznej Instytutu Hematologii; kier. prof.
dr. med. Wl. Lawkowicz, Warszawa, Chocimska 5, Instytut Hematologii.
(ANEMIA, HYPERCHROMIC, case report,
in adolescent (Pol))

IAWKOWICZ, Włodzimierz; POREMBINSKA, Hanna; CZERSKI, Przemysław

Observations on Feulgen's reaction with blood platelets and megakaryocytes in thrombocytopenia before and after splenectomy. Polskie arch. med. wewn. 29 no.3:363-366 1959.

1. Z Oddziału Hematologicznego Kierownik: prof. dr med. W. Iawkowicz
Instytut Hematologii Dyrektor: doc. dr med. A. Trojanowski. Adres
autora: Warszawa, ul. Filtrowa 62.

(SPLEEN, surg.

excis, in thrombocytopenia, eff. on Feulgen's reaction
with blood platelets & megakaryocytes (Pol))

(PURPURA, THROMBOPENIC, surgery,

splenectomy, eff. of Feulgen's reaction with blood platelets
& megakaryocytes (Pol))

HADUCH, S.; BARANSKI, S.; CZERSKI, P.

Effect of microwave radiations on the human organism. Acta physiol.
polon. 11 no.5/6:717-719 '60.

1. Z Wojskowego Instytutu Medycyny Lotniczej.
(MICROWAVES)

27.12.20

39454

P.059/62/016/001/001/001

1026/1226

AUTHOR: Rosiek, Olgierd, Sabliński, Jan and Czernski, Przemysław

TITLE: Comparative studies on methods for the identification of bone marrow cells transplanted into animals with acute radiation sickness

PERIODICAL: Postępy higieny i medycyny doświadczalnej, v. 16, no. 1, 1962, 23-36

TEXT: One group of white mice (178) and 2 groups of rabbits (38 and 26) were given total body X-ray irradiation of 800 r and 1100 r respectively. 24 hours later the irradiated mice were intravenously given a suspension of $15-25 \times 10^6$ bone marrow cells of normal rats; the rabbits were injected with $10-16 \times 10^9$ bone marrow cells of either normal female rabbits (exp. 2) or of rabbits that were carriers of Pelger-Huet anomaly (exp. 3). The repopulation of the lymphatic system of white mice by rat cells may be detected by a histochemical test for phosphatase, since rat granulocytes are phosphatase positive while mice cells are phosphatase negative. In rabbits, donor female cells may be detected in male recipients by the presence of sex chromatin. Males have only 3-6% of cells with sex chromatin while in females the percentage is 15-24. In exp. 3, the donor cells that came from rabbits with Pelger-Huet anomaly could be identified by the possession of hypersegmented nuclei and specific structure of chromatin. Stained blood samples of irradiated and treated animals were observed at daily intervals after injection of the donor cells. In mice surviving for more than 16 days following treatment with rat cells "a gradual increase in the percentage of donor cells was observed. In

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Comparative studies on methods...

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rabbits (exp. 2) the sex chromatin method gave equivocal results, mainly because of difficulties in identification. Clear evidence of repopulation of the lymphatic system of irradiated rabbits by donor cells was obtained in animals injected with Pelger-Huet cells: The ratio of recipient donor granulocytes in 2 rabbits was 16 : 56 and 18 : 72, and the ratio of recipient donor megakaryocytes was 6 : 31 and 9 : 19 (30 days after injection).

ASSOCIATION Zakład Ochrony Zdrowia Instytutu Badań Jądrowych PAN (Department of Health Protection, Institute of Nuclear Research, PAS)

SUBMITTED April 10, 1961

Card 2/2

OSTROWSKI, K., prof.; CZERSKI, P.; MOSKALEWSKI, S.; ZAKIEWICZ, M.

Quantitative investigations on myelopoiesis in induced bone in dogs.
Folia morphol 21 no.4:523-530 '62.

1. Institute of Histology and Embryology, Medical School, Warsaw,
Head: Associate Prof. K. Ostrowski, and Institute of Experimental
Surgery, Polish Academy of Sciences, Warsaw, Head: Prof. J.
Nielubowicz.

*

ARKIN, Wiktor; CZERSKI, Przemyslaw; TRZCINSKA-DABROWSKA, Zofia

Experimental tests on the corneal graft survival problem on the basis of observations of changes in sexual structural of the graft cell nucleus. Klin. oczna 32 no.3:209-214 '62.

1. Z Katedry Okulistyki Studium Doskonalenia Lekarzy Kierownik: prof. dr med. W. Arkin Z Katedry Histologii i Embriologii AM w Warszawie Kierownik: doc. dr med. K. Ostrowski.

(CORNEAL TRANSPLANTATION) (CELL NUCLEUS) (SEX CHROMATIN)

CZERSKI, Przemyslaw; ROSIEK, Olgierd; SABLINSKI, Jan

Studies on the course of the restoration of the bone marrow in post-irradiation chimeras of rabbits with Pelger's anomaly. Pol. med. wewn. 32 no.7:825-828 '62.

1. Z Zakladu Histologii i Embriologii AMW Kierownik: doc. dr K. Ostrowski
i Zakladu Ochrony Zdrowia IBJ Kierownik: prof. dr E. Kowalski.
(RADIATION INJURY EXPERIMENTAL) (PELGER HUET ANOMALY)
(BONE MARROW) (ABNORMALITIES)

CZERSKI, P.; BARANSKA, Wanda; KONOPADA, W.

Methods of karyogram determination in man and experimental animals.
Folia biol 10 no.3/4:316-317 '62.

1. Institute of Histology and Embryology, Medical Academy, Warsaw.

✱

REF ID: A609607

(A,N)

SOURCE CODE: PG/0069/66/000/010/0903/3909

AUTHOR: Barański, Stanisław (Lieutenant colonel; Doctor of medicine); Czerwik, Stanisław (Major; Doctor of medicine)

ORG: Military Institute of Aeromedicine/headed by Docent Wł. Barcikowski, Doctor of Medicine/(Wojskowy Instytut Medycyny Lotniczej)

TITLE: Investigation of the behavior of corpuscular blood constituents in persons exposed to microwaves

SOURCE: Lekarz wojskowy, no. 10, 1966, 903-909

TOPIC TAGS: microwave radiation effect, hematology, blood chemistry, human physiology, bone marrow

ABSTRACT: The morphologic blood composition of a large number of people was studied. Persons examined were divided into the "Exploitation" (E) group, least exposed to microwave irradiation; the "Special Exploitation" (ES) group exposed to higher irradiation levels; and the "R" worker group, exposed to high irradiation levels involved with repairing or manufacturing microwave generator equipment. Hemoglobin, red and white blood cell count, and differential analysis were done routinely. Reticulocyte and platelet counts were done for selected groups, and bone marrow punctures were performed on 19 persons. Each of the three main groups was divided into four subgroups according to length of employment (from 1 to 10 years). The number of erythrocytes

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I. 08545-67

ACC NR: AP6035657

was lower than $3,500,00/\text{mm}^3$ in sporadic cases and there were no figures exceeding normal levels. Reticulocytes were most numerous in the E group, and reticulocytosis was most frequent in the five-to-ten year employment group. White blood corpuscle counts were normal regardless of group. Sporadic cases of neutrophilic leukocytosis lasting more than five years were encountered, but even multiple testing did not disclose their causes. Cases of lymphocytopenia occurred rarely; their frequency was independent of group. The investigation led to the following conclusions, also reflected in statistical tabulations of granulocytosis, eosinophilia, monocytosis, lymphocytosis, and granulocytopenia occurrences: 1) A small drop in the amount of erythrocytes takes place in all people exposed to microwaves; occurrence is related to the length of employment and degree of exposure. 2) Various leukocyte shifts occur in the first year of employment. Later, normalization occurs and this symptom does not appear in groups having worked for one to five years. 3) A tendency toward lymphocytosis with accompanying eosinophilia is apparent in persons having worked more than five years under conditions of low and medium microwave exposure. 4) Three groups of leukocyte changes occur in persons exposed to substantial irradiation for more than five years. Most frequent are absolute and relative lymphocytosis accompanied by eosinophilia and monocytosis, or relative lymphocytosis. Next in order is absolute lymphocytosis with monocytosis. Neutrophilic leukocytosis comes last. 5) About 50% of persons exposed to microwaves show a moderate drop in platelet number. Research is necessary to establish the mechanisms of these changes and the prognostic meaning.

SUB CODE: 06/ SUBM DATE: 11Feb66/ ORIG REF: 008/ OTH REF: 002/ SOV REF: 002/

ATD PRESS: 5104

Cara 2/2

ZIERSKI, Z.

CZERSKI, Z.

"New Method of Astronomical Determination of Azimuth and Geographic Coordinates", P. 117. (GEODEZJA I KARTOGRAFIA, Vol. 3, No. 3, 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

CZERSKI, Z.

POLAND

Neue Methode zur Bestimmung des astronomischen Azimuts und der geographischen Koordinaten (poln.) S. 112-138.

SO: Vermessungs Technik, December 1955, Unclassified.

CZERSKI, Z.

Displacement of the axis of rotation of a telescope in Wild T4
theodolites. p. 182.

GEODEZJA I KARTOGRAFIA, Vol. 4, no. 3, 1955.

POLAND

SOURCE: EAST EUROPEAN ACCESSIONS LC Vol. 5, August, 1956.
no. 7,

CZERSKI, Z.

Progress in the construction of surveying instruments in
1939-1956. pt. 1. (To be contd.) p. 121. Vol. 12, no. 4,
Apr. 1956 Warszawa

PRZEGLĄD GEODEZYJNY

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

CZERSKI, Z.

Progress in the construction of surveying instruments, 1939-1956
Pt. 2. p. 165. Vol. 12, no. 5, May 1956 Warszawa

PRZEGLAD GEODEZYJNY

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

CZERSKI, Z.

Une nouvelle methode d'astronomie geodesique; la methode de l'angle
parallactique.

Varsovie, Poland. Palac Kultury i Nauki, 1957, 35p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

CZERSKI, Z.

The so-called optical eccentric incisions.

P. 144 (FUNDAMENTA MATHEMATICAE) VOL. 6, No. 2, 1957

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, 1956

center, 1.

The most useful vertex of an angle in radial triangulation.

A. 106 (REVISED 1911/1913) Poland Vol. 13, No. 3, Apr. 1957

ed: Monthly Index of European Accessions (MIE) Vol. 6, No. 11, November 1967

CZERSKI, Zdzisław, dr., inż.

Application of prestressed constructions in rural building.
Bud wiejskie 14 no.2:11-14 F '62.

1. Politechnika Warszawska.

CZERSKI, Zbigniew

Consequences of the notice of labor termination during time of protection.
Praca i zabezp spol 4 no. 5:48-51. My '62

CZERSKI, Zdzislaw, dr inż. (Warszawa)

Shaping and dimensioning of prefabricated large-panel constructions
of apartment houses. Ins 1 bud 19 no.2:51-55 F '62.

KOBIAK, Jerzy, dr inz.; CZERSKI, Zbigniew, dr inz.

New books reviewed. Inz 1 bud 21 no.3:108 Mr '64.